| Ref<br># | Hits | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--|---------------------|---------|------------------|
| L1       | 394  | (mux or multiplex\$4) with segment\$3 with stream\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | OFF     | 2005/02/18 20:03 |
| L2 .     | 59   | ((mux or multiplex\$4) with segment\$3 with stream\$4) with (minute\$1 or second\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | OFF     | 2005/02/18 19:49 |
| L3       | 30   | ("5877812").URPN.  | USPAT  | OR                  | OFF     | 2005/02/18 18:45 |
| L4       | 12   | ("4455649"   "4477900"   "4494232"  <br>"5115309"   "5144425"   "5216503"  <br>"5241383"   "5291281"   "5361096"  <br>"5506844"   "5550589"   "5566174").PN. | US-PGPUB;<br>USPAT;<br>USOCR                             | OR                  | OFF     | 2005/02/18 18:47 |
| L5       | 127  | (parse\$1 same buffer\$3 same segment\$1)  | US-PGPUB;<br>USPAT;<br>USOCR                             | OR                  | OFF     | 2005/02/18 18:48 |
| L6       | 79   | (parse\$1 same buffer\$3 same segment\$1) and (equal\$3)   | US-PGPUB;<br>USPAT;<br>USOCR                             | OR                  | OFF     | 2005/02/18 18:48 |
| L7       | 14   | (parse\$1 same buffer\$3 same segment\$1) same (equal\$3)  | US-PGPUB;<br>USPAT;<br>USOCR                             | OR                  | OFF     | 2005/02/18 19:32 |
| L8       | 118  | (multiplex\$3 with predetermine\$3 with number\$1 with stream\$3)  | US-PGPUB;<br>USPAT;<br>USOCR                             | OR .                | OFF     | 2005/02/18 19:33 |
| L9       | 14   | (multiplex\$3 with predetermine\$3 with number\$1 with stream\$3) same (video or movie or television)  | US-PGPUB;<br>USPAT;<br>USOCR                             | OR                  | OFF     | 2005/02/18 19:44 |
| L10      | 8    | (((multiplex\$3 or mux\$3) with (number\$1 near3 segment\$3)) with stream\$3)  | US-PGPUB;<br>USPAT;<br>USOCR                             | OR                  | OFF     | 2005/02/18 19:45 |
| L11      | 0    | Rao.in. and ((mux or multiplex\$4) with segment\$3 with stream\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | OFF     | 2005/02/18 19:50 |
| L12      | 49   | Rao.in. and ((mux or multiplex\$4) same stream\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | OFF     | 2005/02/18 19:50 |
| L13      | 2    | Rao.in. and ((mux or multiplex\$4) same stream\$4 same segment\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | OFF     | 2005/02/18 19:51 |
| L14      | 7    | Rao.in. and (statistic\$3 near2 (mux or multiplex\$4)) same stream\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR                  | OFF     | 2005/02/18 19:54 |

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| L15      | 161  | (predetermin\$3 near4 segment\$1) same multiplex\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 19:57 |
| L16      | 24   | (predetermin\$3 near4 segment\$1) same multiplex\$3 same stream\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 19:57 |
| L17      | 14   | 16 and (@ad<="19991210" or<br>@rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 20:12 |
| L18      | 5111 | (mux or multiplex\$4) with segment\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 20:04 |
| L19      | 553  | ((mux or multiplex\$4) with segment\$3) same stream\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 20:04 |
| L20      | 345  | 19 and (@ad<="19991210" or<br>@rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 20:05 |
| L21      | 165  | ((mux or multiplex\$4) with segment\$3) same stream\$3 same (video or movie or program)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 20:09 |
| L22      | 106  | 21 and (@ad<="19991210" or<br>@rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 20:05 |
| L23      | 4    | ((mux or multiplex\$4) with (predetermined near4 segment\$3)) same stream\$3 same (video or movie or program)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 20:11 |
| L24      | 59   | ((mux or multiplex\$4) same ((predetermined or<br>predefine\$3) near2 (number\$1 or amount)))<br>same stream\$3 same (video or movie or<br>program) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 20:33 |
| L25<br>• | 39   | 24 and (@ad<="19991210" or @rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 20:35 |

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|-----|--|---|--|----|-----|------------------|
| L26 | 59                                     | ((mux or multiplex\$4) same ((predetermined or predefin\$3) near2 (number\$1 or amount))) same stream\$3 same (video or movie or program)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 20:34 |
| L27 | 39                                     | 26 and (@ad<="19991210" or<br>@rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/18 20:35 |
| S8  | 53046                                  | Arazi.in. or chen.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 16:30 |
| S9  | 188                                    | (Arazi.in. or chen.in.) and ("725"/\$.ccls. or "709"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 16:31 |
| S10 | 92368                                  | ((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))with (video or TV or CATV or television or image or content)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/11 17:37 |
| S11 | 31                                     | ((Arazi.in. or chen.in.) and ("725"/\$.ccls. or "709"/\$.ccls.)) and (((addition\$5 or supplementa\$3 or subsidiary or accontrol or auxiliary or associate\$1 or program)near2 (design or information or data or content))with (video or TV or CATV or television or image or content))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 16:41 |
| S12 | 16                                     | (((Arazi.in. or chen.in.) and ("725"/\$.ccls. or "709"/\$.ccls.)) and (((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))with (video or TV or CATV or television or image or content))) and (@ad<="19991210" or @rlad<="19991210") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 17:39 |
| S13 | 3                                      | ("4449249"   "5526035"   "5534944").PN.   | USPAT  | OR | OFF | 2002/12/09 16:51 |
| S14 | 18                                     | "5917830".URPN.   | USPAT  | OR | OFF | 2002/12/09 16:53 |
| S15 | 23                                     | ("4755993"   "5168353"   "5267334"  <br>"5305113"   "5315584"   "5319707"  <br>"5359601"   "5386213"   "5400401"  | USPAT  | OR | OFF | 2002/12/09 17:01 |
|     | ************************************** | "5418782"   "5420640"   "5420866"  <br>"5448568"   "5452006"   "5461619"  <br>"5493339"   "5506904"   "5519780"  <br>"5583562"   "5612742"   "5650825"  <br>"5757416"   "5793410").PN.  |  |    |     |                  |
| S16 | 4                                      | "5793410".URPN.   | USPAT  | OR | OFF | 2002/12/09 17:17 |
| S17 | 4                                      | "5793410".URPN.   | USPAT  | OR | OFF | 2002/12/09 17:20 |

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|-----|------|--|--|----|-----|------------------|
| S18 | 26   | ("4760442"   "4995078"   "5029333"   "5206722"   "5247347"   "5287539"   "5303229"   "5341474"   "5349457"   "5371532"   "5387927"   "5394559"   "5396546"   "5404393"   "5408260"   "5410343"   "5414455"   "5442390"   "5446735"   "5533018"   "5550577"   "5557317"   "5583561"   "5583864"   "5594491"   "5603058").PN.          | USPAT  | OR | OFF | 2002/12/09 17:21 |
| S19 | 4595 | Rao.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 17:37 |
| S20 | 3    | "Rao.in.and" "725"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 17:38 |
| S21 | 95   | 725/95,96.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 17:39 |
| S22 | 67   | 725/95,96.ccls. and (@ad<="19991210" or<br>@rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 17:42 |
| S23 | 51   | 725/95,96.ccls. and (@ad<="19991210" or @rlad<="19991210")and (mux or multiplex\$3 or combin\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 17:59 |
| S24 | 26   | (((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))with (video or TV or CATV or television or image or content)) and (725/95,96.ccls. and (@ad<="19991210" or @rlad<="19991210")and (mux or multiplex\$3 or combin\$5)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:08 |
| S25 | 634  | 725/48,54,98,116,118,146-148.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 17:58 |
| S26 | 326  | 725/48,54,98,116,118,146-148.ccls. and (((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))with (video or TV or CATV or television or image or content))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 17:59 |

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|------------|--------|--|--|----|-----|------------------|
| S27        | 242    | (725/48,54,98,116,118,146-148.ccls. and (((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))with (video or TV or CATV or television or image or content))) and (@ad<="19991210" or @rlad<="19991210")and (mux or multiplex\$3 or combin\$5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 18:01 |
| S28        | 135    | (725/48,54,98,116,118,146-148.ccls. and (((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))with (video or TV or CATV or television or image or content))) and (@ad<="19991210" or @rlad<="19991210")and ((mux or multiplex\$3 or combin\$5)same (server or head\$1end or 'head end' or 'CO' or (central near2 office) or provider)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 19:00 |
| S29        | 665    | 709/217,219.ccls. and (@ad<="19991210" or @rlad<="19991210")and ((mux or multiplex\$3 or combin\$5)same (server or head\$1end or 'head end' or 'CO' or (central near2 office) or provider))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 19:24 |
| S30        | 236    | (709/217,219.ccls. and (@ad<="19991210" or @rlad<="19991210")and ((mux or multiplex\$3 or combin\$5)same (server or head\$1end or 'head end' or 'CO' or (central near2 office) or provider))) and (((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))with (video or TV or CATV or television or image or content))                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/09 19:23 |
| 531        | 24     | 709/217,219.ccls. and (@ad<="19991210" or @rlad<="19991210")and ((mux or multiplex\$3 or combin\$5)same (server or head\$1end or 'head end' or 'CO' or (central near2 office) or provider))same (((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))with (video or TV or CATV or television or image or content))                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/10 13:39 |
| <b>S32</b> | 2      | "5579527".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/10 13:39 |
| S33        | 310627 | ((IP or protocol or command or control) with (convert\$3 or transform\$3 or MPEG\$2))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/11 10:00 |
| S34        | 7397   | ((IP or protocol or command or control) with<br>(convert\$3 or transform\$3 or MPEG\$2))same<br>(multiplex\$3 or combin\$3 or modulat\$3 or<br>encod\$3)same (program or stream or video or<br>TV or television)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/11 10:02 |

| S35 | 1535 | ((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))same (((IP or protocol or command or control) with (convert\$3 or transform\$3 or MPEG\$2))same (multiplex\$3 or combin\$3 or modulat\$3 or encod\$3)same (program or stream or video or TV or television))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR | OFF | 2002/12/11 10:05 |
|-----|------|---|---|----|-----|------------------|
| S36 | 243  | (((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))same (((IP or protocol or command or control) with (convert\$3 or transform\$3 or MPEG\$2))same (multiplex\$3 or combin\$3 or modulat\$3 or encod\$3)same (program or   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR | OFF | 2003/05/29 15:31 |
| **  |      | stream or video or TV or television))) and ("725"/\$ or "709"/\$).ccls.   |   |    |     |                  |
| S37 | 167  | ((((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))same (((IP or protocol or command or control) with (convert\$3 or transform\$3 or MPEG\$2))same (multiplex\$3 or combin\$3 or modulat\$3 or encod\$3)same (program or stream or video or TV or television))) and ("725"/\$ or "709"/\$).ccls.) and (@ad<="19991210" or @rlad<="19991210") and (server or head\$1end or 'head end' or 'CO' or (central near2 office) or provider) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR | OFF | 2002/12/11 12:48 |
| S38 | 10   | (IP or 'internet protocol') with (ASI or 'asynchronous serial interface')   | US-PGPUB;<br>USPAT;<br>EPO; JPO;                                      | OR | OFF | 2002/12/11 12:53 |
|     |      |   | DERWENT<br>; IBM_TDB  |    |     |                  |
| S39 | 8    | ((IP or 'internet protocol') with (ASI or 'asynchronous serial interface')) and (@ad<="19991210" or @rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR | OFF | 2002/12/11 13:03 |
| S40 | 16   | (IP or 'internet protocol') same (ASI or 'asynchronous serial interface')   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT                           | OR | OFF | 2002/12/11 12:53 |
| S41 | 8    | (((IP or 'internet protocol') same (ASI or 'asynchronous serial interface')) not (((IP or 'internet protocol') with (ASI or 'asynchronous serial interface')) and (@ad<="19991210" or @rlad<="19991210")))  | ; IBM_TDB<br>US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/11 12:54 |
| 542 | 2    | (((((IP or 'internet protocol') same (ASI or 'asynchronous serial interface')) not (((IP or 'internet protocol') with (ASI or 'asynchronous serial interface')) and (@ad<="19991210" or @rlad<="19991210"))) ) and (@ad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR | OFF | 2002/12/11 14:15 |
| S43 | 10   | ((IP or 'internet protocol') same (ASI or 'asynchronous serial interface')) and (@ad<="19991210" or @rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              | OR | OFF | 2002/12/11 14:26 |

| S44 | 6     | (statistical near2 multiplex\$3) same (availability near2 bandwidth)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF               | 2002/12/11 14:25 |
|-----|-------|---|--|----|-------------------|------------------|
| S45 | 3     | ((statistical near2 multiplex\$3) same (availability near2 bandwidth)) and (@ad<="19991210" or @rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF               | 2002/12/11 14:15 |
| S46 | 424   | (statistical near2 multiplex\$3) same (<br>bandwidth)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF               | 2002/12/11 14:25 |
| S47 | 269   | (statistical near2 multiplex\$3) with ( bandwidth)  | US-PGPUB;<br>USPAT;                                      | OR | OFF               | 2002/12/11 14:25 |
|     | a a   |   | EPO; JPO;<br>DERWENT<br>; IBM_TDB                        |    |                   |                  |
| S48 | 38    | ((statistical near2 multiplex\$3) with (bandwidth)) and ("725"/\$.ccls. or "709"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF               | 2002/12/11 14:26 |
| S49 | 24    | (((statistical near2 multiplex\$3) with (<br>bandwidth)) and ("725"/\$.ccls. or "709"/\$.ccls.)<br>) and (@ad<="19991210" or  | US-PGPUB;<br>USPAT;<br>EPO; JPO;                         | OR | OFF               | 2002/12/11 17:37 |
|     |       | @rlad<="19991210")  | DERWENT<br>; IBM_TDB                                     |    | ides, s<br>Sugara |                  |
| S50 | 10974 | (((addition\$5 or supplementa\$3 or subsidiary or<br>ancillary or control or auxiliary or associate\$1 or<br>program)near2 (design or information or data or<br>content))or IP)same (priorit\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF               | 2002/12/11 17:52 |
| S51 | 554   | ((((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))or IP)with (priorit\$4))same (mux or multiplex\$3 or combin\$3 or insert\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | <b>OFF</b>        | 2002/12/11 17:56 |
| S52 | 326   | ((((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))or IP)with (priorit\$4))with (mux or multiplex\$3 or combin\$3 or insert\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF               | 2002/12/11 17:57 |
| S53 | 74120 | insert\$3 with prior\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF               | 2002/12/11 17:57 |
| S54 | 19389 | ("725"/\$ or "709"/\$).ccls. and<br>(@ad<="19991210" or @rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF               | 2002/12/11 17:58 |

| S55 | 28   | (((((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))or IP)with (priorit\$4))with (mux or multiplex\$3 or combin\$3 or insert\$3)) and (("725"/\$ or "709"/\$).ccls. and (@ad<="19991210")) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/11 18:09 |
|-----|------|--|--|----|-----|------------------|
| S56 | 460  | (insert\$3 with prior\$6) and (("725"/\$ or "709"/\$).ccls. and (@ad<="19991210" or @rlad<="19991210"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2002/12/11 17:59 |
| S57 | 1    | ('high speed' near3 ASI) or (HS\$1ASI)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 14:25 |
| S58 | 0    | ('high speed' near3 ASI) or (HS\$1ASI) and 'in aband'  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 14:29 |
| S59 | 8672 | ('high speed' near3 ASI) or (HS\$1ASI) or 'in band' or in\$1band   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 14:32 |
| S60 | 216  | ('in band' or in\$1band)same (multiplex\$3 or mux or switch\$3 or combin\$4 or mix\$3) same (stream\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 14:35 |
| S61 | 130  | ('in band' or in\$1band)same (multiplex\$3 or mux or switch\$3 or combin\$4 or mix\$3) same (content or program)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 14:49 |
| S62 | 2    | "6300659".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 14:38 |
| S63 | 6    | ("5225902"   "5544161"   "5740075"  <br>"5818438"   "5850218"   "6055315").PN.   | USPAT  | OR | OFF | 2003/05/29 14:51 |
| S64 | 0    | "6240553".URPN.  | USPAT  | OR | OFF | 2003/05/29 14:58 |
| S65 | 94   | (('in band' or in\$1band)same (multiplex\$3 or mux or switch\$3 or combin\$4 or mix\$3) same (content or program)) and (@ad<="19991210" or @rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 15:25 |
| S66 | 2352 | ASI  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 15:30 |

| S67 | 15    | ASI same (high adj speed)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 15:26 |
|-----|-------|---|--|----|-----|------------------|
| S68 | 9     | (ASI same (high adj speed)) and<br>(@ad<="19991210" or @rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 15:53 |
| S69 | 490   | ((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))and ASI  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 15:46 |
| S70 | 23    | ((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))and ASI and "725"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 15:48 |
| S71 | 14    | ((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))and ASI and (725/87-104).ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 15:53 |
| S72 | 13    | (((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))and ASI and "725"/\$.ccls.) and (@ad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ÓR | OFF | 2003/05/29 15:53 |
| S73 | 7     | (((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))and ASI and (725/87-104).ccls.) and (@ad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/29 16:00 |
| S74 | 6     | ((((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))and ASI and "725"/\$.ccls.) and (@ad<="19991210" or @rlad<="19991210")) not ((((addition\$5 or supplementa\$3 or subsidiary or ancillary or control or auxiliary or associate\$1 or program)near2 (design or information or data or content))and ASI and | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/30 09:05 |
|     |       | (725/87-104).ccls.) and (@ad<="19991210" or<br>@rlad<="19991210"))  |  |    |     |                  |
| S75 | 0     | "6154772".pn. and IP  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/30 09:06 |
| S76 | 20808 | "6154772".pn. and IP or 'internet protocol'   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2003/05/30 09:06 |

| S77 | 0                | "6154772".pn. and (IP or 'internet protocol')   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR        | OFF         | 2003/05/30 09:06   |
|-----|------------------|---|--|-----------|-------------|--------------------|
| S78 | <sub>.</sub> 604 | 370/537.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR        | OFF         | 2003/11/13 18:05   |
| S79 | 531              | 370/537.ccls. and multiplex\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR        | OFF         | 2003/11/13 18:05   |
| S80 | 31               | 370/537.ccls. and (statistical\$3 with  | US-PGPUB;  | OR        | OFF         | 2003/11/13 18:53   |
| ŀ   |                  | multiplex\$4)   | USPAT;<br>EPO; JPO;                                      | a i ju    |             |                    |
|     |                  |   | DERWENT  | Est and a |             |                    |
| S81 | 28               | (270/527 calc. and (statistical);   | ; IBM_TDB  | 0.0       | 055         | 2002/44/42 40 50   |
| 301 | 20               | (370/537.ccls. and (statistical\$3 with multiplex\$4)) and (@ad<="19991210" or @rlad<="19991210")                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR        | OFF         | 2003/11/13 18:54   |
| S82 | 23               | 370/537.ccls. and (((spare or waste\$1 or   | US-PGPUB;  | OR        | OFF         | 2003/11/13 18:54   |
|     |                  | available) near2 bandwidth) same multiplex\$4)  | USPAT;<br>EPO; JPO;                                      |           |             | _ 8,               |
|     |                  |   | DERWENT<br>; IBM_TDB                                     |           |             |                    |
| S83 | 19               | (370/537.ccls. and (((spare or waste\$1 or available) near2 bandwidth) same multiplex\$4)) and (@ad<="19991210" or @rlad<="19991210") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR        | OFF         | 2003/11/13 19:01   |
| S84 | 2                | "5506844".pn.   | US-PGPUB;  | OR        | OFF         | 2003/11/13 19:01   |
|     |                  |   | USPAT;<br>EPO; JPO;                                      |           |             |                    |
| -   |                  |   | DERWENT<br>; IBM_TDB                                     |           |             |                    |
| S85 | 32               | (IP near2 format\$4) with MPEG  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR        | OFF         | 2004/04/26 22:56   |
| S86 | 3935             | (mux or multiplexer) with (format\$5)   | US-PGPUB;  | OR -      | OFF         | 2004/04/26 22:56   |
|     |                  |   | USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              |           |             |                    |
| S87 | 2000             | ((mux or multiplexer) with (format\$5) with   | US-PGPUB;  | OR        | OFF         | 2004/04/26 22:59   |
|     | 2300             | (data or application))  | USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB              |           | <b>O</b> 11 | 200 11071 20 22.33 |

|     |      | •  |  |     |     |                  |
|-----|------|--|--|-----|-----|------------------|
| S88 | 1671 | (((mux or multiplexer) with (format\$5) with (data or application))) and (@ad<="19991210" or @rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2004/04/26 22:58 |
| S89 | 1187 | (((mux or multiplexer) with (format\$5) with (data or application))) and (@ad<="19991210" or @rlad<="19991210")and (guide or application)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2004/04/26 22:59 |
| S90 | 383  | ((((mux or multiplexer) with (format\$5) with (data or application))) and (@ad<="19991210" or @rlad<="19991210")and (guide or application)) and ("370"/\$.ccls. or "725"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2004/04/26 22:58 |
| S91 | 6    | ((mux or multiplexer) with statistical\$3 with (format\$5) with (data or application))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2004/04/26 23:03 |
| S92 | 11   | ((mux or multiplexer) with statistical\$3 with format\$5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2004/04/26 22:59 |
| S93 | 8    | (((mux or multiplexer) with statistical\$3 with format\$5)) and (@ad<="19991210" or @rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2004/04/26 22:59 |
| S94 | 1369 | (((mux or multiplexer) near10 format\$5) with (data or application))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2004/04/26 23:03 |
| S95 | 342  | (((mux or multiplexer) near10 format\$5) with (data or application) with (convert\$3 or transform\$3 or reformat\$3))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2004/04/26 23:04 |
| S96 | 288  | ((((mux or multiplexer) near10 format\$5) with (data or application) with (convert\$3 or transform\$3 or reformat\$3))) and (@ad<="19991210")                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2004/04/26 23:07 |
| S97 | -144 | ((((mux or multiplexer) near10 format\$5) with (data or application) with (convert\$3 or transform\$3 or reformat\$3))) and (@ad<="19991210") and video                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | -OR | OFF | 2004/04/26 23:07 |
| S98 | 84   | ((((mux or multiplexer) near10 format\$5) with (data or application) with (convert\$3 or transform\$3 or reformat\$3))) and (@ad<="19991210") and video and encod\$3               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2004/04/26 23:07 |

| S99      | 23    | ((((mux or multiplexer) near10 format\$5) with (data or application) with (convert\$3 or transform\$\$3 or reformat\$3))) and (@ad<="19991210") and video and encod\$3 and ("725"/\$.ccls. or "370"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/04/26 23:08 |
|----------|-------|---|--|----|-----|------------------|
| S10<br>0 | 3     | "6601103".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/04/28 20:35 |
| S10<br>1 | 2     | "6044396".pn. and (@ad<="19991210" or<br>@rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/20 18:55 |
| S10<br>2 | 89814 | ((mux or multiplex\$3 or combin\$5) near10<br>(format\$4 or convert\$3)) and<br>(@ad<="19991210" or @rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/20 18:56 |
| S10<br>3 | 7274  | ((mux or multiplex\$3) near10 format\$5) and (@ad<="19991210" or @rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/20 18:57 |
| S10<br>4 | 4373  | ((mux or multiplex\$3) near10 format\$5)same<br>(data or EPG or guide) and (@ad<="19991210"<br>or @rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/20 18:57 |
| S10<br>5 | 2990  | ((mux or multiplex\$3) near5 format\$5)same<br>(data or EPG or guide) and (@ad<="19991210"<br>or @rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/20 18:57 |
| S10<br>6 | 529   | ((mux or multiplex\$3) near5 format\$5)same<br>(data or EPG or guide)same (video or television<br>or TV) and (@ad<="19991210" or<br>@rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/20 18:58 |
| S10<br>7 | 61    | (((mux or multiplex\$3) near5 format\$5)same<br>(data or EPG or guide)same (video or television<br>or TV) and (@ad<="19991210" or<br>@rlad<="19991210")) and "725"/\$.ccls.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/20 19:33 |
| S10<br>8 |       | (((mux or multiplex\$3) near5 format\$5)same<br>(data or EPG or guide)same (video or television<br>or TV) and (@ad<="19991210" or<br>@rlad<="19991210")) and "370"/\$.ccls.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/20 19:48 |
| S10<br>9 | 3     | Sezan.in. and (key near2 frame)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/20 19:48 |

|          |      | <del></del>  |  |    |     | <del></del>      |
|----------|------|--|--|----|-----|------------------|
| S11<br>0 | 5579 | ((mux or multiplex\$3 or combin\$5) with rate\$1 with (format\$4 or convert\$3))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:09 |
| S11<br>1 | 2817 | ((mux or multiplex\$3 or combin\$5) near10 rate\$1 near10 (format\$4 or convert\$3))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:11 |
| S11<br>2 | 2111 | (((mux or multiplex\$3 or combin\$5) near10 rate\$1 near10 (format\$4 or convert\$3))) and (@ad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ÖR | OFF | 2004/08/22 18:12 |
| S11<br>3 | 471  | ((((mux or multiplex\$3 or combin\$5) near10 rate\$1 near10 (format\$4 or convert\$3))) and (@ad<="19991210" or @rlad<="19991210")) and ("725"/\$.ccls. or "709"/\$.ccls. or "370"/\$.ccls.)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:10 |
| S11<br>4 | 169  | ((((mux or multiplex\$3 or combin\$5) near10 rate\$1 near10 (format\$4 or convert\$3))) and (@ad<="19991210" or @rlad<="19991210")) and ("725"/\$.ccls. or "709"/\$.ccls. or "370"/\$. ccls.) and (video or television or TV)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:12 |
| S11<br>5 | 322  | ((mux or multiplex\$3 or combin\$5) near10 rate\$1 near10 (format\$4 or convert\$3)) same (video or television or TV or audio)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:11 |
| S11<br>6 | 253  | ((mux or multiplex\$3 or combin\$5) near10 rate\$1 near10 (format\$4 or convert\$3)) same (video or television or TV)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:19 |
| S11<br>7 | 218  | (((mux or multiplex\$3 or combin\$5) near10 rate\$1 near10 (format\$4 or convert\$3)) same (video or television or TV)) and (@ad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:41 |
| S11<br>8 | 43   | ((((mux or multiplex\$3 or combin\$5) near10 rate\$1 near10 (format\$4 or convert\$3)) same (video or television or TV)) and (@ad<="19991210") or @rlad<="19991210")) and ("725"/\$.ccls. or "709"/\$.ccls. or "370"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:36 |
| S11<br>9 | 4    | ((mux or multiplex\$3 or combin\$5)near2<br>statistic\$4 near10 rate\$1 near10 (format\$4 or<br>convert\$3)) same (video or television or TV)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:20 |
| S12<br>0 | 5    | ((mux or multiplex\$3 or combin\$5)near10<br>statistic\$4 near10 rate\$1 near10 (format\$4 or<br>convert\$3)) same (video or television or TV)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:20 |

| C12                   |       | (((muy or multiployet? or combinets))noneto   | HC DCDHD.  | OB | OFF | 2004/09/22 10:21 |
|-----------------------|-------|---|--|----|-----|------------------|
| S12<br>1              | 4     | (((mux or multiplex\$3 or combin\$5)near10 statistic\$4 near10 rate\$1 near10 (format\$4 or convert\$3)) same (video or television or TV)) and (@ad<="19991210" or @rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:21 |
| S12<br>2              | 7     | Arazi.in. and multiplex   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:40 |
| S12<br>3              | 23    | ("4755993"   "5168353"   "5267334"   "5305113"   "5315584"   "5319707"   "5359601"   "5386213"   "5400401"   "5418782"   "5420640"   "5420866"   "5448568"   "5452006"   "5461619"   "5493339"   "5506904"   "5519780"   "5583562"   "5612742"   "5650825"   "5757416"   "5793410").PN.   | USPAT  | OR | OFF | 2004/08/22 18:37 |
| S12<br>4              | 9     | "5966120".URPN.   | USPAT  | OR | OFF | 2004/08/22 18:40 |
| S12<br>5              |       | ((("4755993"   "5168353"   "5267334"   "5305113"   "5315584"   "5319707"   "5359601"   "5386213"   "5400401"   "5418782"   "5420640"   "5420866"   "5448568"   "5452006"   "5461619"   "5493339"   "5506904"   "5519780"   "5583562"   "5612742"   "5650825"   "5757416"   "5793410").PN.) or "5966120". URPN.) and ((multiplex\$5 or mux or combin\$3) with (format\$4 or convert\$4))                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 18:41 |
| S12<br>6              | 17    | (((("4755993"   "5168353"   "5267334"   "5305113"   "5315584"   "5319707"   "5359601"   "5386213"   "5400401"   "5418782"   "5420640"   "5420866"   "5448568"   "5452006"   "5461619"   "5493339"   "5506904"   "5519780"   "5583562"   "5612742"   "5650825"   "5757416"   "5793410").PN.) or "5966120". URPN.) and ((multiplex\$5 or mux or combin\$3) with (format\$4 or convert\$4))) and (@ad<="19991210") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 19:31 |
| S12<br>7              | 20649 | ('same' near2 format\$4) and<br>(@ad<="19991210" or @rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 19:32 |
| S12<br>8              | 290   | (('same' near2 format\$4)near3 (convert\$3)) and (@ad<="19991210" or @rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 19:32 |
| S12 <sup>-</sup><br>9 | 20    | (('same' near2 format\$4)near3<br>(convert\$3))same (multiplex\$4 or mux or<br>combin\$3 or insert\$3) and (@ad<="19991210"<br>or @rlad<="19991210")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2004/08/22 19:48 |

| S13<br>0 | 3     | picco.in. and 'local content' and (@ad<="19991210" or @rlad<="19991210")                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | OFF  | 2004/08/22 19:49 |
|----------|-------|---|--|------|------|------------------|
| S13<br>1 | 0     | Chaney.in. and EPG and (@ad<="19991210" or @rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | OFF  | 2004/08/22 19:49 |
| S13<br>2 | 1777  | Chaney.in. MPG and (@ad<="19991210" or @rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | OFF  | 2004/08/22 19:49 |
| S13<br>3 | 4     | Chaney.in. and MPG and (@ad<="19991210" or @rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | OFF  | 2004/08/22 19:57 |
| S13<br>4 | 2     | Terasawa.in. and EPG1 and (@ad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | OFF  | 2004/08/22 20:03 |
| S13<br>5 | 141   | Gordon.in. and (multiplex\$3 same rate\$1) and (@ad<="19991210" or @rlad<="19991210")                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | OFF  | 2004/08/22 20:03 |
| S13<br>6 | 4     | Gordon.in. and (multiplex\$3 same rate\$1 same bps) and (@ad<="19991210" or @rlad<="19991210")          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | OFF  | 2004/08/22 20:04 |
| S13<br>7 | 3     | Gordon.in. and (multiplex\$3 same rate\$1 same guide) and (@ad<="19991210" or @rlad<="19991210")        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | OFF  | 2004/08/22 20:04 |
| S13<br>8 | 10    | ("6404776" "6181711" "5966120" "4605961"<br>"6029045").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | OFF  | 2005/02/17 17:22 |
| S13<br>9 | 79763 | ((mux or multiplex\$3) same (format\$4 or convert\$3 or transform\$3))                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR - | -OFF | 2005/02/17 17:23 |
| S14<br>0 | 6576  | ((mux or multiplex\$3) with (format\$4 or convert\$3 or transform\$3)) same (video or movie or content) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR   | OFF  | 2005/02/17 18:12 |

| S14<br>1 | 2346 | S140 and ("725"/\$.ccls. or "370"/\$.ccls. or "348"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/17 17:25 |
|----------|------|--|--|----|-----|------------------|
| S14<br>2 | 357  | ((mux or multiplex\$3) with (format\$4 or convert\$3 or transform\$3)) same (video or movie or content) same (digital or segment\$1) same (buffer\$3 or cach\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/17 17:25 |
| S14<br>3 | 148  | S142 and ("725"/\$.ccls. or "370"/\$.ccls. or "348"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/17 18:13 |
| S14<br>4 | 118  | S143 and (@ad<="19991210" or<br>@rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/17 18:13 |
| S14<br>5 | 2363 | ((mux or multiplex\$3) with (convert\$3 or transform\$3) with format\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/17 18:20 |
| S14<br>6 | 1796 | S145 and (@ad<="19991210" or<br>@rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/17 18:15 |
| S14<br>7 | 688  | S146 and ("725"/\$.ccls. or "370"/\$.ccls. or "348"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/17 18:40 |
| S14<br>8 | 360  | S146 and ("725"/\$.ccls. or "370"/\$.ccls. or "348"/\$.ccls.) and (stream\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/17 18:14 |
| S14<br>9 | 71   | S145 and (@ad<="19991210" or @rlad<="19991210") and 370/533-537.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/17 18:20 |
| S15<br>0 | 2693 | ((mux or multiplex\$3) with (conver\$5 or transform\$3) with format\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/17 18:41 |
| S15<br>1 | 76   | S150 and (@ad<="19991210" or @rlad<="19991210") and 370/533-537.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/02/17 18:39 |

|          |       |  |   |     |     | ,                |
|----------|-------|--|---|-----|-----|------------------|
| S15<br>2 | 799   | S150 and (@ad<="19991210" or @rlad<="19991210") and (video or movie\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR  | OFF | 2005/02/17 18:42 |
| S15<br>3 | 708   | S150 and (@ad<="19991210" or<br>@rlad<="19991210") and (video or movie\$1)<br>and digital  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR  | OFF | 2005/02/17 18:39 |
| S15<br>4 | 64017 | "19" and ("725"/\$.ccls. or "370"/\$.ccls. or "348"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR  | OFF | 2005/02/17 18:40 |
| S15<br>5 | 88667 | "16" and ("725"/\$.ccls. or "370"/\$.ccls. or "348"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT               | OR  | OFF | 2005/02/17 18:40 |
|          |       |  | ; IBM_TDB   |     |     |                  |
| S15<br>6 | 373   | S153 and ("725"/\$.ccls. or "370"/\$.ccls. or "348"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR  | OFF | 2005/02/17 18:40 |
| S15<br>7 | 513   | ((mux or multiplex\$3) with (conver\$5 or transform\$3) with format\$4) same (video or movie)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;                          | OR  | OFF | 2005/02/17 18:42 |
| 4.       |       |  | DERWENT<br>; IBM_TDB                                      |     |     |                  |
| S15<br>8 | 334   | S157 and (@ad<="19991210" or<br>@rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR  | OFF | 2005/02/17 18:43 |
| S15<br>9 | 153   | ((mux or multiplex\$3) with (conver\$5 or transform\$3) with format\$4) same (video or movie)same (buffer\$3 or stor\$3 or cache\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR. | OFF | 2005/02/17 18:42 |
| S16<br>0 | 112   | S159 and (@ad<="19991210" or<br>@rlad<="19991210")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR  | OFF | 2005/02/17 19:04 |
| S16<br>1 | 445   | (convert\$3 near5 format\$4) with MPEG\$2 and (@ad<="19991210" or @rlad<="19991210")   | -US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2005/02/17 19:05 |
| S16<br>2 | 65    | (convert\$3 near5 format\$4) with MPEG\$2 same multiplex\$3 and (@ad<="19991210" or @rlad<="19991210")                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB  | OR  | OFF | 2005/02/17 19:05 |

| S16 | 2 | "6404776".pn. | US-PGPUB; | OR | OFF | 2005/02/18 18:37 |
|-----|---|---------------|-----------|----|-----|------------------|
| 3   |   |               | USPAT;    |    |     |                  |
|     |   |               | EPO; JPO; |    |     |                  |
|     | - |               | DERWENT   |    |     |                  |
|     |   |               | ; IBM_TDB |    |     |                  |

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